

- 12 -

ABSTRACT

A parallel passage contactor structure which advantageously does not require a spacing member is provided according to the present invention. In an embodiment of the present invention a parallel passage contactor is provided comprising multiple layers of sheet material wherein the sheet material is perforated with a regular pattern of openings. The perforated openings in the sheet material comprising the layers of the contactor structure are arranged such that when multiple similarly perforated layers of material are suitably layered in contact with each other the perforated openings in adjacent layers form substantially continuous parallel passages suitable for the conduction of fluids.

5